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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/974,989	10/11/2001	Tai Anh Cao	AUS920010197US1	8101

35525 7590 07/15/2004

IBM CORP (YA)  
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EXAMINER

MISTRY, O NEAL RAJAN

ART UNIT	PAPER NUMBER
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2173

DATE MAILED: 07/15/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/974,989

Applicant(s)

CAO, TAI ANH

Examiner

O'Neal R Mistry

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 11 October 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1,2,4,6,9,10,11,12,14,16,19,20,26,27,29,31,34-37,39,41,44,45,51,52 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,2,4,6,9,10,11,12,14,16,19,20,26,27,29,31,34-37,39,41,44,45,51,52 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 October 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

Continuation of Disposition of Claims: Claims pending in the application are 1,2,4,6,9-12,14,16,19,20,26,27,29,31,34-37,39,41,44,45,51 and 52.

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### **DETAILED ACTION**

1. This application has been examined.
2. Claims 1,2,4,6,9,10,11,12,14,16,19,20,26,27,29,31,34-37,39,41,44, 45, 51, and 52 are presented for examination.

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Steven Tax on July 1, 2004

The application has been amended as follows:

Cancellation of claims: 3,5,7,8,13,15,17,18,28,30,32,33,38,40,42, & 43

#### ***Election/Restrictions***

Applicant's election of Group 1 invention over the phone on June 30, 2004.

#### ***Drawings***

3. The Examiner contends that the drawings submitted on **10/11/2001** are acceptable for the examination proceedings.

#### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

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A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1,2,4,6,9,10,11,12,14,16,19,20,26,27,29,31,34-37,39,41,44, 45, 51, and 52 rejected under 35 U.S.C. 102(b) as being anticipate by Wynn et al (U.S Patent Number 6,667,751), hereafter referred to as Wynn.

In regards to claim 1, Wynn states a method for highlighting recently used items in an interface, comprising:

at a time of loading an interface, identifying a recently used item in the interface (col. 6 line 19-24) [the user is allowed to visually review previous browsing sessions and browsing history. As web sites are visited during a normal browsing session, images of the pages viewed are rendered and stored in the system's memory on the system disk, and are keyed to entries in the web browser's history log.]; and

presenting the recently used item before presenting the interface (col. 6 lines 26-32) [user is allowed to visually review previous browsing sessions and browsing history. As web sites are visited during a normal browsing session, images of the pages viewed are rendered and stored in the system's memory].

In regards to claim 2, Wynn discloses recording items in the interface that are selected by a user (col. 6 lines 26-32) [Using a variety of prior art and new graphical user interface controls, such as sliders, spinners,

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infinite spin lists, and rubber-banded controls, the user is allowed to visually review previous browsing sessions and browsing history. As web sites are visited during a normal browsing session, images of the pages viewed are rendered and stored in the system's memory on the system disk, and are keyed to entries in the web browser's history log. In the preferred embodiment, the images are stored in cache, which allows for quicker retrieval, and are written to system non-volatile memory, such as a hard drive, prior to system shut down or when the cache is full.]

In regards to claim 4, Wynn states presenting the interface (col. 3 lines 25-27 & Figure 3 [38]) [user is allowed to visually review previous browsing sessions and browsing history. As web sites are visited during a normal browsing session, images of the pages viewed are rendered and stored in the system's memory]; and

highlighting the recently used item in the interface (Figure 10 & col. 8 lines 66 – col. 9 lines 20) [FIG. 10 shows a close-up view of the history viewer (1100) with a graduated slider (150) as the control. The graduation marks (154) on the slider assist the user in moving one or more views forward or backward in the history log. The slider control may include a forward or next button (151) and

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a back or previous button (152). Also, the control may have a position selector and indicator (153)].

In regards to claim 6, Wynn discloses displaying the recently used item in a portion of a display concurrently with the interface (Figure 11 & col. 9 lines 20-35) [The history viewer is shown on a web browser main GUI display (31) in FIG. 11. (22) The user may move the control to a position within the history log where a desired previously visited page is displayed, and then activate a "go to" control to re-point the browser to that address, thereby retrieving a fresh copy of the page. In the preferred embodiment, this is simply done by releasing or "dropping" the slider control at the desired position, and pointing with the mouse to the displayed thumbnail, and clicking on the thumbnail. Other options to activate the "go to" control include dragging and dropping the position information display into the main web browser window, dragging and dropping the address display into the location bar, or simply double clicking on the positional control or address display.].

5. In regards to claim 9, Wynn states the interface comprises a web document (col. 6 lines 17-31).

In regards to claim 10, Wynn discloses the recently used item comprises a hyperlink (col. 9 lines 34-35) [dropping the address display into the location

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bar, or simply double clicking on the positional control or address display].

6. In regards to claim 51, Wynn states A computer program product, in a computer readable medium, for highlighting recently used items in an interface, comprising:

instructions for identifying a recently used item in an interface at a time of loading the interface(col. 6 lines 19-32 & Figure 10) [The foregoing and other objects, features and advantages of the invention will be apparent from the following more particular description of a preferred embodiment of the invention, as illustrated in the accompanying drawings wherein like reference numbers represent like parts of the invention. A standard web browser software package is modified to include a new set of controls, page image rendering and history logging functions. The standard web browser functionality already has the capability to receive and interpret HTML and other standard web documents, and to create and sort history logs, and to automatically point to URL's and addresses contained within the history log. Using a variety of prior art and new graphical user interface controls, such as sliders, spinners, infinite spin lists, and rubber-banded controls, the user is allowed to visually review previous browsing sessions and browsing history. As web sites are visited during a normal browsing session, images of the pages viewed are rendered and stored in the system's memory on the

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system disk, and are keyed to entries in the web browser's history log. In the preferred embodiment, the images are stored in cache]; and

instructions for presenting the recently used item before presenting the interface(col. 6 lines 26-32 & Figure 10) [Using a variety of prior art and new graphical user interface controls, such as sliders, spinners, infinite spin lists, and rubber-banded controls, the user is allowed to visually review previous browsing sessions and browsing history. As web sites are visited during a normal browsing session, images of the pages viewed are rendered and stored in the system's memory on the system disk, and are keyed to entries in the web browser's history log. In the preferred embodiment, the images are stored in cache, which allows for quicker retrieval, and are written to system non-volatile memory, such as a hard drive, prior to system shut down or when the cache is full.].

7. In regards to claim 52, Wynn discloses A computer program product, in a computer readable medium, for highlighting frequently used items in an interface, comprising:

instructions for identifying at least one frequently used item in an interface at a time of loading the interface (col. 6 lines 19-32 & Figure 10) [The foregoing and other objects, features and advantages of the invention will be

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apparent from the following more particular description of a preferred embodiment of the invention, as illustrated in the accompanying drawings wherein like reference numbers represent like parts of the invention. A standard web browser software package is modified to include a new set of controls, page image rendering and history logging functions. The standard web browser functionality already has the capability to receive and interpret HTML and other standard web documents, and to create and sort history logs, and to automatically point to URL's and addresses contained within the history log. Using a variety of prior art and new graphical user interface controls, such as sliders, spinners, infinite spin lists, and rubber-banded controls, the user is allowed to visually review previous browsing sessions and browsing history. As web sites are visited during a normal browsing session, images of the pages viewed are rendered and stored in the system's memory on the system disk, and are keyed to entries in the web browser's history log. In the preferred embodiment, the images are stored in cache]; and

instructions for presenting the frequently used item 5 before presenting the interface (col. 6 lines 26-32 & Figure 10) [Using a variety of prior art and new graphical user interface controls, such as sliders, spinners, infinite spin lists, and rubber-banded controls, the

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user is allowed to visually review previous browsing sessions and browsing history. As web sites are visited during a normal browsing session, images of the pages viewed are rendered and stored in the system's memory on the system disk, and are keyed to entries in the web browser's history log. In the preferred embodiment, the images are stored in cache, which allows for quicker retrieval, and are written to system non-volatile memory, such as a hard drive, prior to system shut down or when the cache is full.].

8. Claims 11, 26, 36 are substantially equivalent to claim 1, therefore claims 11, 26, 36 are rejected because of similar rationale.
9. Claims 12, 27, 37 are substantially equivalent to claim 1, therefore claims 12, 27, 37 are rejected because of similar rationale.
10. Claims 14, 29, 39 are substantially equivalent to claim 1, therefore claims 14, 29, 39 are rejected because of similar rationale.
11. Claims 16, 31, 41 are substantially equivalent to claim 1, therefore claims 16, 31, 41 are rejected because of similar rationale.
12. Claims 19, 34, 44 are substantially equivalent to claim 1, therefore claims 19, 34, 44 are rejected because of similar rationale.
13. Claims 20, 35, 45 are substantially equivalent to claim 1, therefore claims 20, 35, 45 are rejected because of similar rationale.

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**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to O'Neal R Mistry whose telephone number is (703) 305-2738. The examiner can normally be reached on 9am - 6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W Cabeca can be reached on (703)308-3116. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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